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## SCOTT COUNTY

### (Scott County Water Service Area Map)

- Estimated 1999 population of 30,200--90% on public water
- Estimated 2020 population of 44,600--92% on public water
- 345 miles of water lines, with plans for 90 additional miles
- Estimated funding needs for public water 2000-2005--\$2,823,000
- Estimated funding needs for public water 2006-2020--\$3,004,000

Scott County had an estimated population of 30,206 (11,798 households) in 1999 with a projected population of 44,556 (19,002 households) in 2020. Public water is provided to about 90 percent of the county's residents. In areas of the county not served by public water, about 30 percent of the households rely on private domestic wells and 70 percent of the households rely on other sources. About 460 customers will be added to public water service through new line extensions in 2000-2020.

#### *Estimated Costs - Proposed Projects, 2000-2005*

COUNTY/System		New Customers		Rehab	Source	Treatment	Tanks/ Pumps	Total
	Miles	Number	Cost in \$1000	In \$1000	in \$1000	in \$1000	in \$1000	in \$1000
<b>SCOTT</b>								
Georgetown	14.0	218	730	1,000		1,000		2,730
Stamping Ground				93				93
Kentucky-American	46	140						
<b>TOTAL</b>	<b>60.0</b>	<b>358</b>	<b>730</b>	<b>1,093</b>		<b>1,000</b>	<b>0</b>	<b>2,823</b>

#### *Estimated Costs - Proposed Projects, 2006-2020*

COUNTY/System		New Customers		Rehab	Source	Treatment	Tanks/ Pumps	Total
	Miles	Number	Cost in \$1000	in \$1000	in \$1000	in \$1000	in \$1000	in \$1000
<b>SCOTT</b>								-
Georgetown	13	51	810	600			1,500	2,910
Stamping Ground				94				94
Kentucky American	14	45	Private system					
<b>Total</b>	<b>27</b>	<b>96</b>	<b>810</b>	<b>694</b>			<b>1,500</b>	<b>3,004</b>

## PUBLIC WATER SYSTEMS

Scott County has 2 municipal water systems, Georgetown Municipal Water Service and Stamping Ground Water. The county is also served by Harrison County Rural Water Association and the Kentucky-American Water Company.

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# WATER SERVICE AREAS

## SCOTT COUNTY

### Kentucky

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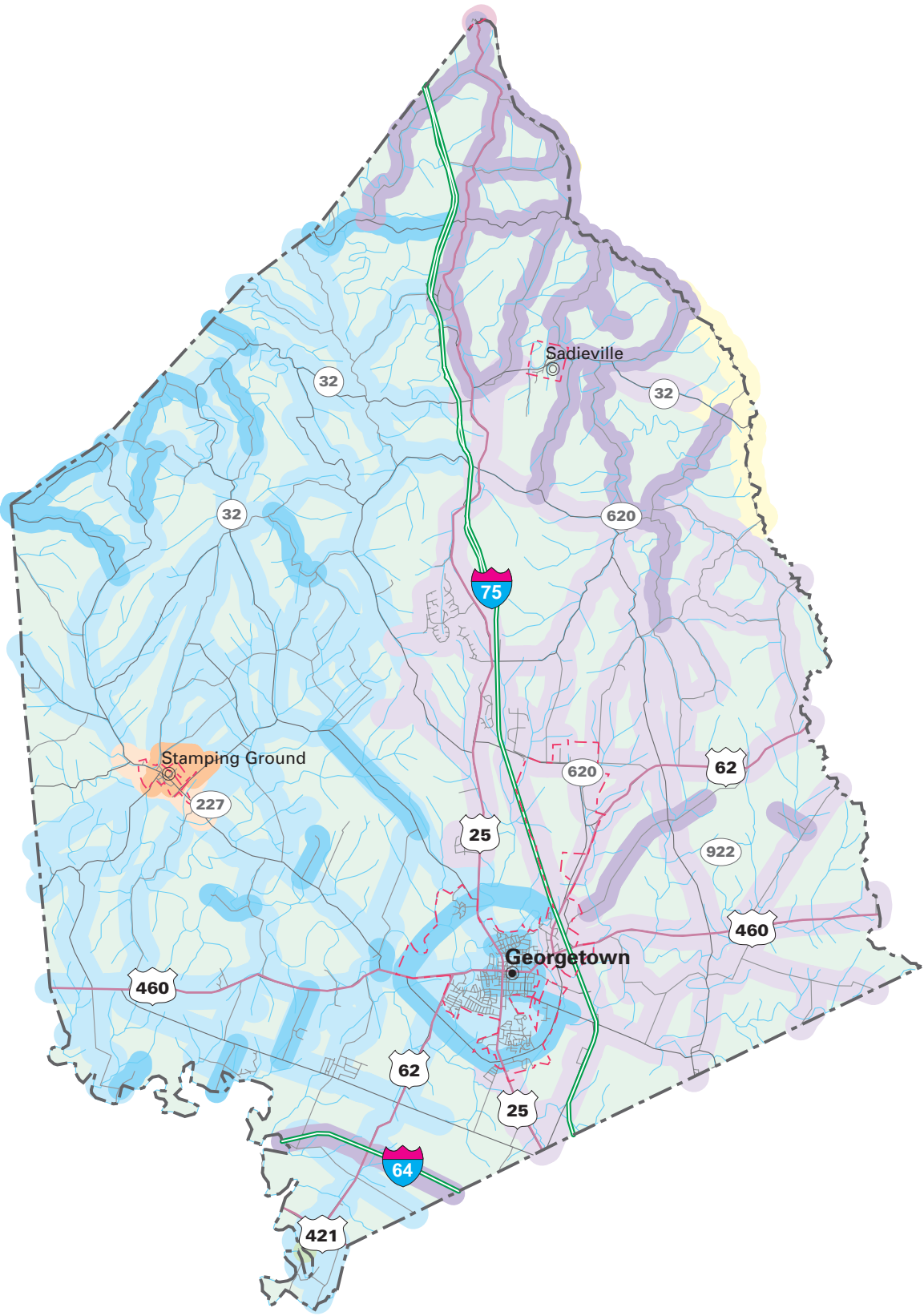
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WATER SERVICE STATUS BY OWNER		
EXISTING SERVICE AREA	PROPOSED SERVICE AREA	
		STAMPING GROUND WATER DISTRICT
		MIDWAY MUNICIPAL WATER WORKS
		KENTUCKY-AMERICAN WATER COMPANY
		HARRISON COUNTY WATER ASSOCIATION
		GEORGETOWN MUNICIPAL WATER SERVICE
		CORINTH WATER DISTRICT



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### **GEORGETOWN MUNICIPAL WATER SERVICE**

PWSID: ..... 1050157  
System Type: ..... COMMUNITY  
Owner Type: ..... MUNICIPAL  
Surface Source: ..... ROYAL SPRING  
Purchase Source:  
Well Source:  
Sells Water to:  
Treatment Plant Capacity (MGD): ..... 4.00  
Percent Daily Average Production: ..... 42.00  
Total Tank Storage Capacity (gallons): ..... 600,000.00  
Total Service Connections: ..... 7,000.00  
Number of Employees: ..... 15.00  
Treatment Operator Class: ..... 3D  
Distribution Operator Class: ..... 4A  
Customer Rate for 1,000 Gallons: ..... Not available  
O/M costs 1997: ..... Not available  
O/M costs per Service Connection: ..... Not available  
Net Revenue 1997: ..... Not available  
Total Water Produced 1997 (gallons): ..... Not available  
Water Sold 1997 (gallons): ..... Not available  
Unaccounted-for Water 1997 (%): ..... Not available

### **STAMPING GROUND MUNICIPAL WATER DISTRICT**

PWSID: ..... 1050416  
System Type: ..... COMMUNITY  
Owner Type: ..... MUNICIPAL  
Surface Source: ..... NORTH FORK/ELKHORN CREEK  
Purchase Source:  
Well Source:  
Sells Water to:  
Treatment Plant Capacity (MGD): ..... 0.00  
Percent Daily Average Production: ..... 0.00  
Total Tank Storage Capacity (gallons): ..... 0.00  
Total Service Connections: ..... 244.00  
Number of Employees: ..... 1.00  
Treatment Operator Class: ..... 1D  
Distribution Operator Class: ..... 2A  
Customer Rate for 1,000 Gallons: ..... Not available  
O/M costs 1997: ..... Not available  
O/M costs per Service Connection: ..... Not available  
Net Revenue 1997: ..... Not available  
Total Water Produced 1997 (gallons): ..... Not available  
Water Sold 1997 (gallons): ..... Not available  
Unaccounted-for Water 1997 (%): ..... Not available

### **PRIVATE DOMESTIC SYSTEMS**

About 2,800 residents of Scott County rely on private domestic water supplies: 800 on wells and 2,000 on other sources.

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In the North and South Fork of Elkhorn Creeks and their major tributaries, most drilled wells in the valleys will produce enough water for a domestic supply at depths of less than 100 feet. Wells located in the creek valleys of the northern half of the county and in the upper reaches of the creek valleys and some of the upland areas in the southern half will produce enough water for a domestic supply except during dry weather. In the upland areas of the northern two-thirds of Scott County, which encompasses 50% of the county, most drilled wells will not produce enough water for a dependable domestic supply except along drainage lines that may produce enough water except during dry weather.

Throughout the county ground water is hard or very hard and may contain salt or hydrogen sulfide, especially at depths greater than 100 feet.

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